

Cookbook of Activities for Driver Education

MT CURRICULUM GUIDE

M 17

Objective: Demonstrate the concentration of alcohol in the body

INGREDIENTS

1. Large (1 gal.) clear container
2. Small (½ gal.) clear container
3. Red Dye or Food Color
4. Water

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INSTRUCTIONS

1. Fill each container with water.
2. Place the same amount of red dye into the two containers of water

Point out which container has the most dye concentration.

Stress: the same concept reflects the difference of BAC for different-sized people and alcohol.

MT CURRICULUM GUIDE

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Objective: Demonstrate depth perception varies, even when sober

INGREDIENTS

1. Small sheets of paper
2. Measurement of classroom length
3. Dry Eraser, chalkboard, overhead projector

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INSTRUCTIONS

Part 1

Measure the length of the classroom before students arrive.

Part 2

1. Give each student a small piece of paper.
2. Have each student silently record the distance from the back of the room to the front.
3. Hand the sheets in.
4. Record the range of estimates on the board.
5. Display the correct answer on the projector.

This demonstrates judgment problems humans have even when sober.

In most classes, there will be at least a 50 percent variation.